

## 277084004.ST25.txt SEQUENCE LISTING

<110> Case Western Reserve University Montano, Monica Wittman, Bryan									
	<120>	Suppressors of Human Breast Cancer Cell Growth							
	<130> 27708/04004								
	<140> US 09/972758 <141> 2001-10-05								
	<150> <151>	US 60/238,187 2000-10-05							
	<160>		TECH CENTER 1600/2900						
<170> PatentIn version 3.1									
	<210> 1 <211> 1080 <212> DNA <213> Homo sapiens								
	<400> atggcc	1 gagc cattcttg	tc agaatatcaa	caccagcctc	aaactagcaa	ctgtacaggt	60		
	gctgct	gctg tccaggaa	ga gctgaaccct	gagcgccccc	caggcgcgga	ggagcgggtg	120		
	cccgag	gagg acagtagg	tg gcaatcgaga	gcgttccccc	agttgggtgg	ccgtccgggg	180		
	ccggag	gggg aagggagc	ct ggaatcccaa	ccacctccct	tgcagaccca	ggcctgtcca	240		
	gaatct	agct gcctgaga	ga gggcgagaag	ggccagaatg	gggacgactc	gtccgctggc	300		
	ggcgac	ttcc cgccgccg	gc agaagtggaa	ccgacgcccg	aggccgagct	gctcgcccag	360		
	ccttgt	catg actccgag	gc cagtaagttg	ggggctcctg	ccgcaggggg	cgaagaggag	420		
	tgggga	cagc agcagaga	ca gctggggaag	aaaaaacata	agagacgccc	gtccaagaag	480		
	aagcgg	catt ggaaaccg	ta ctacaagctg	aactgggaag	agaagaaaaa	gttcgacgag	540		
	aaacag	agcc ttcgagct	tc aaggatccga	gccgagatgt	tcgccaaggg	ccagccggtc	600		
	gcgccc	tata acaccacg	ca gttcctcatg	gatgatcacg	accaggagga	gccggatctc	660		
	aaaacc	ggcc tgtactcc	aa gcgggccgcc	gccaaatccg	acgacaccag	cgatgacgac	720		
	ttcatg	gaag aagggggt	ga ggaggatggg	ggcagcgatg	ggatgggagg	ggacggcagc	780		
	gagttt	ctgc agcgggac	tt ctcggagacg	tacgagcggt	accacacgga	gagcctgcag	840		
	aacatg	agca agcaggag	ct catcaaggag	tacctggaac	tggagaagtg	cctctcgcgc	900		
	atggag	gacg agaacaac	cg gctgcggctg	gagagcaagc	ggctgggtgg	cgacgacgcg	960		
	cgtgtg	cggg agctggag	ct ggagctggac	cggctgcgcg	ccgagaacct	ccagctgctg	1020		
	accgag	aacg aactgcac	cg gcagcaggag	cgagcgccgc	tttccaagtt	tggagactag	1080		

RECEIVED
APR 1 6 2003

277084004.ST25.txt

<210> 2 <211> 359

<212> PRT <213> Homo sapiens

<400> 2

Met Ala Glu Pro Phe Leu Ser Glu Tyr Gln His Gln Pro Gln Thr Ser 10 15

Asn Cys Thr Gly Ala Ala Ala Val Gln Glu Glu Leu Asn Pro Glu Arg 20 25 30

Pro Pro Gly Ala Glu Glu Arg Val Pro Glu Glu Asp Ser Arg Trp Gln 35 40 45

Ser Arg Ala Phe Pro Gln Leu Gly Gly Arg Pro Gly Pro Glu Gly Glu 50 60

Gly Ser Leu Glu Ser Gln Pro Pro Pro Leu Gln Thr Gln Ala Cys Pro 65 70 75 80

Glu Ser Ser Cys Leu Arg Glu Gly Glu Lys Gly Gln Asn Gly Asp Asp 85 90 95

Ser Ser Ala Gly Gly Asp Phe Pro Pro Pro Ala Glu Val Glu Pro Thr  $100 \hspace{1cm} 105 \hspace{1cm} 110$ 

Pro Glu Ala Glu Leu Leu Ala Gln Pro Cys His Asp Ser Glu Ala Ser 115 120 125

Lys Leu Gly Ala Pro Ala Ala Gly Gly Glu Glu Glu Trp Gly Gln Gln 130 135 140

Gln Arg Gln Leu Gly Lys Lys Lys His Arg Arg Arg Pro Ser Lys Lys 145 150 155 160

Lys Arg His Trp Lys Pro Tyr Tyr Lys Leu Thr Trp Glu Glu Lys Lys 165 170 175

Lys Phe Asp Glu Lys Gln Ser Leu Arg Ala Ser Arg Ile Arg Ala Glu 180 185 190

Met Phe Ala Lys Gly Gln Pro Val Ala Pro Tyr Asn Thr Thr Gln Phe 195 200 205

Leu Met Asp Asp His Asp Gln Glu Glu Pro Asp Leu Lys Thr Gly Leu 210 220



277084004.ST25.txt Tyr Ser Lys Arg Ala Ala Ala Lys Ser Asp Asp Thr Ser Asp Asp 235 230 235 Phe Met Glu Glu Gly Gly Glu Glu Asp Gly Gly Ser Asp Gly Met Gly 245 250 255 Gly Asp Gly Ser Glu Phe Leu Gln Arg Asp Phe Ser Glu Thr Tyr Glu 260 265 270 Arg Tyr His Thr Glu Ser Leu Gln Asn Met Ser Lys Gln Glu Leu Ile 275 280 285 Lys Glu Tyr Leu Glu Leu Glu Lys Cys Leu Ser Arg Met Glu Asp Glu 290 295 300 Asn Asn Arg Leu Arg Leu Glu Ser Lys Arg Leu Gly Gly Asp Asp Ala Arg Val Arg Glu Leu Glu Leu Glu Leu Asp Arg Leu Arg Ala Glu Asn 325 330 335 Leu Gln Leu Leu Thr Glu Asn Glu Leu His Arg Gln Gln Glu Arg Ala Pro Leu Ser Lys Phe Gly Asp <210> 19 <211> <212> PRT <213> Homo sapiens <400>

Lys His Arg Arg Arg Pro Ser Lys Lys Arg His Trp Lys Pro Tyr 1 10 15

Tyr Lys Leu

<210> 4 <211> 18 <212> DNA <213> Homo sapiens <400> 4 cagtgtgatt tctagagc

<210> 5 <211> 18 <212> DN/ 18

	•	ı		277084004.ST25.txt	
	<213>	Homo sapiens		277001001131231242	
	<400> agagcag	5 gaac tactcaag		1	L8
	<210> <211> <212> <213>				
<b>y</b> (	<400> acacag	6 gatc cgaattcatg	tccggagccc	ttgatgtc 3	88
	<210> <211> <212> <213>	DNA			
	<400> acacag	7 gatc cagtcgacta	agaccagtca	gtggttgctc ct 4	12